

Amendments to the Claims:

Please amend the claims as indicated. This listing of claims will replace all prior versions and listings of claims in the application.

Listing of claims:

Claims 1-5 (Canceled)

6. (Currently amended) In a method for telemetering information between a type of downhole equipment at a bottom of an operation and a surface A new use for a section of wired drill pipe, comprising the steps of:

providing a transceiver at the surface;

installing one end of the section of wired drill pipe on a type of downhole equipment;

installing a conventional metal pipework to the other end of the section of wired drill pipe; and

using the section of wired drill pipe as an long dipole antenna for a well operation located below a surface from which the conventional metal pipework emanates and providing the long dipole antenna proximate the downhole equipment at the bottom of the operation; and

transmitting from the section of wired drill pipe forming the long dipole antenna to the transceiver at the surface for extended range emf signaling.

7. (Original) The method according to claim 6 wherein the section of wired drill pipe is a first section of wired drill pipe, further including the step of attaching a second section of wired drill pipe to the first section of wired drill pipe for connection between the downhole equipment and the conventional metal pipework.

8. (Original) The method according to claim 7, further including joining additional sections of wired drill pipe for forming an antenna having a length ranging from 2,000 to 5,000 feet.
9. (Original) The method according to claim 7, further including joining additional sections of wired drill pipe for forming an antenna having a length ranging from 2,000 to 9,000 feet.
10. (Currently amended) In an apparatus for telemetering information between a type of downhole equipment at a bottom of an operation and a surface, the apparatus having the combination of a metal pipework; a transceiver at the surface connected to both a ground, spaced from the operation, and the metal pipework; and an antenna for applying signals between two points, wherein the antenna has the improvement comprising:
a transceiver at the surface connected to both a ground, spaced from the operation;
a conventional metal pipework, the conventional metal pipework emanating from a rig at the surface;
a plurality of sections of wired drill pipe joined together to form a long dipole the antenna for applying signals between two points, wherein one end of said plurality of sections of wired drill pipe is connected to the conventional metal pipework;
and another end is connected to the type of downhole equipment connected to the other end of said plurality of sections of wired drill pipe.
11. (Canceled)
12. (Currently amended) The apparatus according to claim 101, wherein the length of said plurality of sections of wired drill pipe joined together is a constant ranging from 2,000 to 9,000 feet.

13. (Currently amended) The apparatus according to claim 101, wherein the length of said plurality of sections of wired drill pipe joined together is a constant ranging from 2,000 to 5,000 feet.
14. (Original) The apparatus according to claim 10 wherein said plurality of sections of wired drill pipe include a drill pipe casing with a wall; and a wire embedded into the wall of the drill pipe casing.

Claims 15-17 Canceled.